
IO-Link Master LLD

Release Notes

Applies to Product Release: 01.00.00.00
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IO-Link Maser LLD version 01.00.00.00

Overview

This document provides the release information for the latest IO-Link Master Low Level Driver.

IO-LINK MASTER LLD module includes:

- Compiled library of IO-LINK MASTER LLD.
- Source code.
- API reference guide

LLD Dependencies

LLD is dependent on following external components delivered in PDK package:

- starterware
- osal
- pruss

New/Updated Features and Quality

Release 1.0.0.0

- Initial release of IO-Link master low level driver

Resolved Incident Reports (IR)

Release 1.0.0.0:

IR Parent/ Child Number	Severity Level	IR Description

Known Issues/Limitations

IR Parent/ Child Number	Severity Level	IR Description

Licensing

Please refer to the software Manifest document for the details.

Delivery Package

There is no separate delivery package. The IO-LINK MASTER LLD is being delivered as part of PDK.

Installation Instructions

The LLD is currently bundled as part of Platform Development Kit (PDK). Refer installation instruction to the release notes provided for PDK.

Directory structure

The following is the directory structure after the IO-LINK MASTER LLD package has been installed:

- ▼ ti
 - > board
 - > build
 - > csl
 - ▼ drv
 - > emac
 - > gpio
 - > gpmc
 - > i2c
 - > icss_emac
 - ▼ iolink
 - build
 - > docs
 - > firmware
 - > lib
 - > soc
 - > src
 - > test

The following table explains each individual directory:

Directory Name	Description
ti/drv/iolink	The top level directory contains the following:- <ol style="list-style-type: none"> <u>XDC Build and Package files</u> These files (<code>config.bld</code>, <code>package.xdc</code> etc) are the XDC build files which are used to create the IO-LINK MASTER LLD package. <u>Exported Driver header file</u> Header files which are provided by the IO-LINK MASTER low level driver and should be used by the application developers for driver customization and usage.
ti/drv/iolink/build	The directory contains internal make files which are used to create the IO-LINK MASTER low level driver library.
ti/drv/iolink/docs	The directory contains the IO-LINK MASTER low level driver documentation.
ti/drv/iolink/firmware	The “firmware” directory in the IO-LINK MASTER low level driver has the source and makefile of the PRU firmware.
ti/drv/iolink/lib	The “lib” folder has pre-built Big and Little Endian libraries for the IO-LINK MASTER low level driver along with their <u>code/data size information</u> .
ti/drv/iolink/package	Internal IO-LINK MASTER low level driver package files.
ti/drv/iolink/soc	This directory contains SoC specific files.
ti/drv/iolink/src	Source code for the IO-LINK MASTER low level driver.
ti/drv/iolink/test	The “test” directory in the IO-LINK MASTER low level driver has test application which is used by the development team to test the IO-LINK MASTER low level driver.

Customer Documentation List

Table 1 lists the documents that are accessible through the /docs folder on the product installation CD or in the delivery package.

Table 1 Product Documentation included with this Release

Document #	Document Title	File Name
1	API documentation (generated by Doxygen)	docs/IO-Link MasterlldDocs.chm
2	Release Notes	docs/ReleaseNotes_IOLINK_LLD.pdf
3	Software Manifest	docs/IOLINK_LLD_SoftwareManifest.html

